

Converting Colors

$Yxy(93.6430, 0.3033, 0.3457)$

Have a look what the booklet for
Yxy(93.6430, 0.3033, 0.3457)
contains.

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Color

Yxy(93.5993, 0.3028, 0.3453)

Conversions

Conversions Part 1

Format	Color
Hex	E0FFE0
RGB	224, 255, 239
RGB Percent	88%, 100%, 94%
CMY	0.1216, 0.0000, 0.0628
CMYK	0.12, 0.00, 0.06, 0.00
HSL	149°, 100%, 94%
HSV	149°, 12%, 100%
XYZ	82.0790, 93.5993, 95.3883
YIQ	243.9070, -13.3400, -11.5480

Conversions

Conversions Part 2

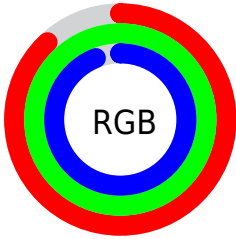
Format	Color
R _Y B	224, 245, 255
Decimal	14745583
CIE Lab	97.47, -12.96, 4.27
CIE LCh	97, 13.641, 161.768
Yxy	93.5993, 0.3028, 0.3453
Android (android.graphics.Color)	4292935663 (0xFFE0FFE0)
YUV	243.9070, -2.4192, -17.4584
Hunter-Lab	96.7467, -17.8691, 9.2652

Details

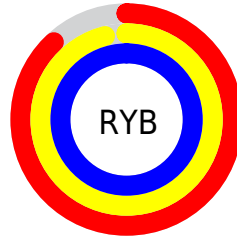
The Yxy color **93.5993, 0.3028, 0.3453** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.8661, 0.3240, 0.3133**, and the grayscale version is **90.4153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.2421, 0.3010, 0.3486** is the 20% darker color. If you saturate the color by 10%, you get **89.0749, 0.2949, 0.3604**, and if you desaturate by 10%, it is **98.7910, 0.3109, 0.3317**.

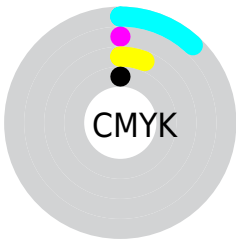
Distribution



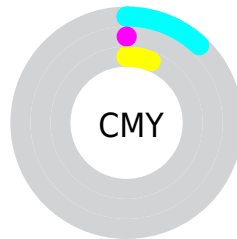
- Red (88%)
- Green (100%)
- Blue (94%)



- Red (88%)
- Yellow (96%)
- Blue (100%)



- Cyan (12%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)




- Cyan (12%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.5993, 0.3028, 0.3453 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 93.5993, 0.3028, 0.3453 by changing the saturation by 10% instead.


 93.5993, 0.3028,
0.3453

 93.5993, 0.3028,
0.3453

539.6710, 0.3072,
0.3380

 70.9697, 0.3018,
0.3469


152.3281, 0.3043,
0.3428

 52.3175, 0.3006,
0.3489


189.1960, 0.3049,
0.3418

 37.2582, 0.2991,
0.3513


231.5789, 0.3054,
0.3410

 25.4075, 0.2972,
0.3545

279.8611, 0.3059,
0.3402

 16.3809, 0.2947,
0.3587

334.4270, 0.3063,
0.3396

 9.7941, 0.2912,
0.3645

395.6611, 0.3066,

 5.2626, 0.2861,

0.3390

0.3732

463.9476, 0.3069,
0.3385

■ 2.4022, 0.2776,
0.3874

■ 0.8270, 0.2474,
0.4355

■ 93.5993, 0.3028,
0.3453

■ 93.5993, 0.3028,
0.3453

■ 89.0749, 0.2949,
0.3604


■ 98.7910, 0.3109,
0.3317


■ 85.1902, 0.2876,
0.3772

100.0000, 0.3127,
0.3290


■ 81.9145, 0.2811,
0.3953


■ 79.2150, 0.2758,
0.4147

 77.0554, 0.2720,
0.4349

 75.3953, 0.2701,
0.4555

 74.1882, 0.2701,
0.4759

 73.3782, 0.2722,
0.4953

 72.9561, 0.2749,
0.5097

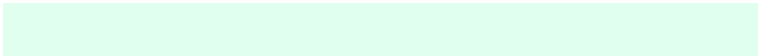
Harmonies

Analogous

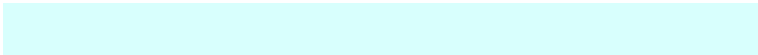
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.5993, 0.3179, 0.3538



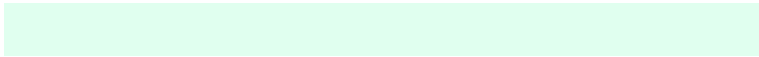
93.5993, 0.3028, 0.3453



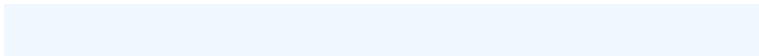
93.5993, 0.2905, 0.3322

Triad

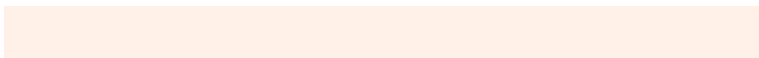
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.5993, 0.3028, 0.3453



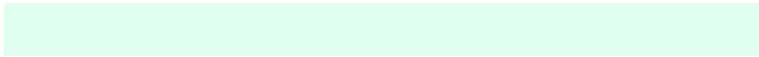
93.5993, 0.2935, 0.3036



93.5993, 0.3421, 0.3384

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



93.5993, 0.3028, 0.3453



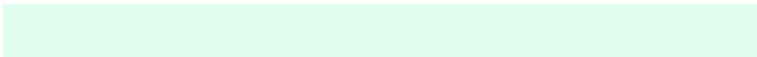
80.8661, 0.3240, 0.3133

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.5993, 0.3353, 0.3254



93.5993, 0.3028, 0.3453



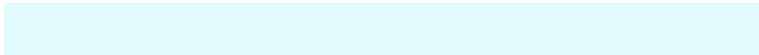
93.5993, 0.3070, 0.3056

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.5993, 0.3028, 0.3453



93.5993, 0.2852, 0.3081



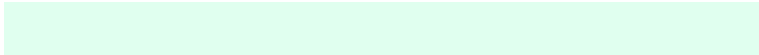
93.5993, 0.3223, 0.3135



93.5993, 0.3409, 0.3494

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



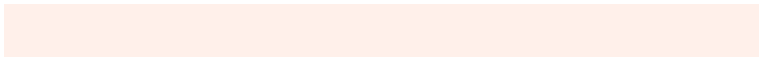
93.5993, 0.3028, 0.3453



93.5993, 0.2855, 0.3228



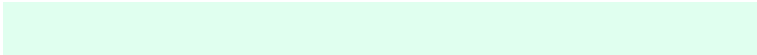
93.5993, 0.3223, 0.3135



93.5993, 0.3407, 0.3341

Sweetspot

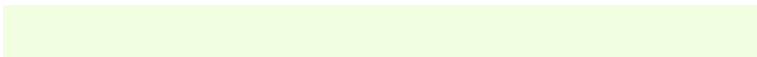
The Sweet Spot groups the original color and five complimentary colors.



93.5991, 0.3028, 0.3453



97.7817, 0.3094, 0.3341



95.5211, 0.3216, 0.3600



20.8427, 0.3088, 0.3351



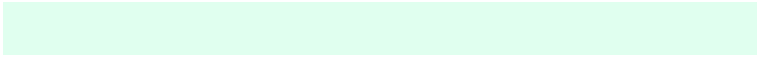
0.0000, 0.0000, 0.0000



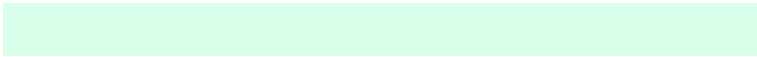
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.5991, 0.3028, 0.3453



92.2453, 0.3005, 0.3494



94.5216, 0.2946, 0.3300



20.3145, 0.3049, 0.3415



38.1510, 0.2741, 0.5067



3.7366, 0.2682, 0.4855

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



80.8661, 0.3240, 0.3133



76.8430, 0.3270, 0.3094



80.0119, 0.3341, 0.3280



18.1438, 0.3213, 0.3168



12.0062, 0.4893, 0.2469



1.1911, 0.4649, 0.2334

Previews

White Background



This preview shows how the Yxy color 93.5993, 0.3028, 0.3453 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 93.5993, 0.3028, 0.3453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

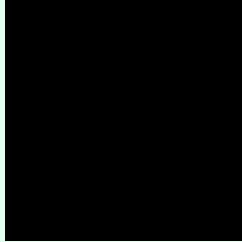
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

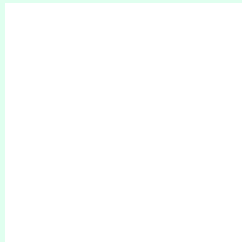
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.5993, 0.3028, 0.3453

Background



This preview shows how black text looks on a background with the Yxy color 93.5993, 0.3028, 0.3453.

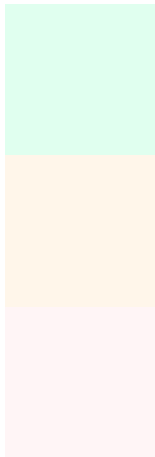


This preview shows how white text looks on a background with the Yxy color 93.5993, 0.3028, 0.3453.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

93.5993, 0.3028, 0.3453

Protanopia

93.1120, 0.3258, 0.3407

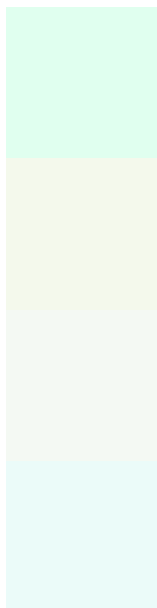
Deuteranopia

93.2186, 0.3186, 0.3281

Tritanopia

93.2320, 0.3049, 0.3221

Trichromacy



Original Color

93.5993, 0.3028, 0.3453

Protanomaly

93.0406, 0.3172, 0.3419

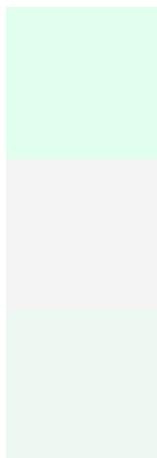
Deuteranomaly

93.4555, 0.3131, 0.3349

Tritanomaly

93.4961, 0.3039, 0.3310

Monochromacy



Original Color

93.5993, 0.3028, 0.3453

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.5501, 0.3093, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.5993, 0.3028, 0.3453 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(224, 255, 239)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 239)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(224, 255, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 239) }
```

Border

The CSS property to change the border of an element to Yxy 93.5993, 0.3028, 0.3453 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 255, 239) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(224, 255, 239) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(224, 255, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 239);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 93.5993, 0.3028, 0.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 239) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(224,  
255, 239) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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